

**Panorama™ Ab Microarray – MAPK & PKC Pathways
Outline of Array**

	A		B		C		D	
	a-b	c-d	a-b	c-d	a-b	c-d	a-b	c-d
1.1	MAP Kinase (ERK-1) M7927	MAPK (ERK1,ERK2) M5670	MAPK , Monophospho-Tyrosine M3682	MAPK phosphatase 1 M3787	p38 MAPK active (diphospho p38) M8177	S6 Kinase S4047	PKC β2 P2584	PKC β2 P3203
1.2	MAPK Nonphospho M3807	MAPKAPK-2 M3550	MAPK (diphospho ERK 1&2) M9692	MAPK2 (ERK2) M7431	PKC α P4334	PKC P5704	PKC γ P3328	PKC γ P8083
1.3	MAPK, (monophospho Threonine) M3557	MAPK (pT ERK1&2) M7802	MAPKK M5795	p38 MAPK, non activated M8432	PKC β1 P3078	PKC β1 P6959	PKC ε P8458	PKC ζ P0713
1.4	MAPKK4 M0422	BSA/Cy3+Cy5	p38 MAPK M0800	BSA/Cy3+Cy5	PKC δ P8333	BSA/Cy3+Cy5	PKC η P8090	BSA/Cy3+Cy5
2.1	JNK1/JNK2 J4500	JNK activated (Diphospho JNK) J4750	Phospholipase Cγ1 P8104	c-erbB-2 E2777	ERK 5 E1523	PI3 Kinase P8208	ATF-1 A7833	ATF2 A4086
2.2	phospho-c-Jun (pSer ⁶³) J2128	phospho-c-Jun (pSer ⁷³) J2253	c-erbB-3 E8767	c-erbB4 E5900	Raf-1 R5773	Raf-1 R2404	Phospho ATF-2 (pThr ^{69,71}) A4095	RSK1 R5145
2.3	AP-1 A5968	Protein Phosphatase 1α P7979	Phosphoserine P5747	Phosphotyrosine P1869	VEGF R -1 V4762	Estrogen-Rec E1396	SH-PTP2 (SHP-2) S3056	c-CBL C9603
2.4	Phospholipase Secretory A2 groupV P5242	BSA/Cy3+Cy5	Phosphothreonine P3555	BSA/Cy3+Cy5	EGF-R E3138	BSA/Cy3+Cy5	GAPDH G8795	BSA/Cy3+Cy5
3.1	GRB-2 G2791	MCL-1 M8434	ILK I0783	ILK I1907	CRK- II C0853	Protein Tyrosine Phosphatase PEST P9109	Pan Cadherin C1821	Pan Cytokeratin C2931
3.2	P130 cas C0354	SIRPα1 S1311	SAPK3 S0315	SKK2 S5308	Serine/Threonine protein phosphatase 1/β P7484	Serine/Threonine protein phosphatase 1/γ1 P7609	βTubulin I T7816	Fibronectin F7387
3.3	Sos1 S2937	Crk-L C0978	Serine/Threonine protein phosphatase 2A/B' pan 2 P8359	MEKK4 M7194	Serine/Threonine protein phosphatase 2A/A P8109	Serine/Threonine protein phosphatase 2A/Bα P8234	Ezrin E8897	β Actin A1978
3.4	KSR K4261	BSA/Cy3+Cy5	Serine/Threonine protein phosphatase 2Cα/β P8609	BSA/Cy3+Cy5	Serine/Threonine protein phosphatase 2A/Bγ P5359	BSA/Cy3+Cy5	Cytokeratin pep19 C6930	Cy3+Cy5/ Cy3+Cy5

